

TITLE

PLANT SUGAR TRANSPORT PROTEINS

ABSTRACT OF THE DISCLOSURE

5 This invention relates to an isolated nucleic acid fragment encoding a sugar
transport protein, more specifically an *Arabidopsis*-like or *Beta-vulgaris*-like sugar
transport protein. The invention also relates to the construction of a recombinant
DNA construct encoding all or a portion of the sugar transport protein, in sense or
antisense orientation, wherein expression of the recombinant DNA construct results
10 in production of altered levels of the *Arabidopsis*-like or *Beta-vulgaris*-like sugar
transport protein in a transformed host cell.

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LMC/dmm